

**ABSTRACT**

**DEVICE FOR DETECTING A FROZEN IMAGE ON A LIQUID CRYSTAL  
DISPLAY SCREEN**

A device for detecting a frozen image on a liquid crystal display screen (12) comprises at least one photoelectric cell (4) capable of delivering a luminance signal  $l(t)$  to means (8) for processing this signal. The cell is placed facing a display area (A) of the screen. In this display area, a variable pattern is displayed at a characteristic frequency  $f_c$ . The processing means are capable of detecting the characteristic frequency in the signal  $l(t)$ . If this signal is not detected, they trigger a corresponding alarm.

Figure 3